

Los Angeles County Metropolitan Transportation Authority  
1999 TIP Call for Projects

<b>MTA Use Only</b>	
Project #	_____
Mode	_____
Area	_____

## PROJECT FUNDING APPLICATION

**NOTE TO APPLICANT:** Each individual project must be submitted as one application. A complete application consists of three parts: I-General, II-Financial, and III-Modal. Two (2) copies of a complete application is required. Project study reports, plans, brochures, or other literature will not be accepted in lieu of a completed MTA application. All questions must be answered.

### PART I - GENERAL PROJECT INFORMATION

1. **PROJECT TITLE** (Do not exceed 60 characters, including spaces - for use on all MTA summary listings):

Harbor Gateway/Normandie Avenue Corridor Improvements

2. **PROJECT SPONSOR:**

Lead Agency Name/Address: City of Los Angeles Department of Transportation,  
Bureau of Transportation Programs and Development Review, 221 N. Figueroa Street  
Suite 600, Los Angeles CA 90012

Contact Name & Title: Robert T. Takasaki, Senior Transportation Engineer

Phone # and Fax #: Phone: (213) 580-5209; Fax (213) 580-5208

e-mail # : \_\_\_\_\_

3. **MODAL CATEGORY** (select ONE only and include Part III of application beginning on page indicated):

Note: TEA-21 High Priority Projects must compete within the appropriate modal category.

#### Applicant's Priority within Category

- |   |                                     |
|---|-------------------------------------|
| o Freeways - HOV Lanes, TSM, and Gap Closures (Page <u>34</u> )         | Priority No. <u>  </u> of <u>  </u> |
| o <b>Regional Surface Transportation Improvements</b> (Page <u>44</u> ) | Priority No. <u>  </u> of <u>  </u> |
| o Signal Synchronization & Bus Speed Improvements (Page <u>52</u> )     | Priority No. <u>  </u> of <u>  </u> |
| o Transportation Demand Management (Page <u>66</u> )                    | Priority No. <u>  </u> of <u>  </u> |
| o Bikeways & Pedestrian Improvements (Page <u>79</u> )                  | Priority No. <u>  </u> of <u>  </u> |
| o Transit Capital (Page <u>87</u> )                                     | Priority No. <u>  </u> of <u>  </u> |
| o Transportation Enhancements (Page <u>96</u> )                         | Priority No. <u>  </u> of <u>  </u> |

4. **PROJECT DESCRIPTION SUMMARY** (Do not exceed 180 characters, including spaces - for use on all MTA agenda items and reports):

Widen or improve 3 intersections along Normandie Ave corridor south of the San Diego Freeway to improve regional access to proposed 2.9 million SF Harbor Gateway Industrial development.

5. **PROJECT LOCATION & LIMITS OR SERVICE AREA**

Along Normandie Avenue between the San Diego Freeway Northbound On/Off-Ramps and Francisco Street serving the Harbor Gateway Industrial Area of Los Angeles City and County at the following locations: Normandie Ave & San Diego Freeway Northbound On/Off-Ramps, Knox St & Normandie Ave and Francisco St & Normandie Ave.

6. **TOTAL PROJECT EXPENSES: \$ 1,008** \_\_\_\_\_  
(From Part II, Line 17 - In thousands (\$000) and in FY 1998-99 dollars)

7. **TOTAL FUNDING REQUESTED: \$ 655** \_\_\_\_\_  
(From Part II, Line 38 - In thousands (\$000) and in FY 1998-99 dollars) **Note: Total Funding Requests from any Sponsoring Agency must not Exceed the Modal Category Funding Target. (Targets will be provided at a later date.)**

**PART II. PROJECT FINANCIAL PLAN (ATTACH):**

Complete and attach the financial plan for the project. Clearly identify all funding sources as either **COMMITTED** or **UNCOMMITTED**. All figures must be in **THOUSANDS (\$000)** and reflect **FY 1998-99 DOLLARS**.

**PART III. MODAL CATEGORY INFORMATION (ATTACH):**

Complete and attach the project information applicable to the modal category selected in Question No. 3 (Page 27).

+ If project is listed on the TEA-21 High Priority (Demonstration) Projects Program identified by Congress you must also complete the information on the following page.

**TEA-21 HIGH PRIORITY PROJECTS (Not Applicable)**

For TEA-21 High Priority Projects, applicants may apply for up to 50% of the required federal match of the total project cost. Local match can either be in the form of actual dollar contributions (hard match) or in-kind contributions. Applicant in-kind contributions are eligible as part of the local match as long as the work is directly related and necessary to implement the proposed project. Design, PS&E, or other engineering services as well as right-of-way (if part of construction) not previously acquired may be counted towards the in-kind match. Applicants should note that in-kind contributions must be approved by Caltrans and the Federal Highway Administration (FHWA) in order to prevent the project applicant from being held responsible for any in-kind match not deemed eligible.

For SCRRRA Transportation Equity Act (TEA-21) projects, SCRRRA will receive a temporary waiver of up to 50% local match requirement for projects located along the Santa Clarita Line. For projects located on other lines a minimum local match will be assessed based on the formula share of project costs between MTA and the other member counties.

TEA-21 High Priority Projects need to complete items A through E below:

- A. Total Cost of Applicant's Project Submitted for TEA-21 Funding      \$ \_\_\_\_\_
- B. Amount of Federal Funding Requested      \$ \_\_\_\_\_
- C. Amount of Federal Funding Received      \$ \_\_\_\_\_
- D. Amount of MTA Funding Requested      \$ \_\_\_\_\_
- Amount of Applicant Match      \$ \_\_\_\_\_  
(note if from more than one source)

**CERTIFICATION:**

A person duly authorized to sign for the organization (city manager, general manager, executive director, or high ranking officer) must sign the application.

The applicant is responsible for meeting the terms and conditions in the Standard Memorandum of Understanding (MOU) or Letter of Agreement (LOA).

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

Cosponsors:

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Signature/Title

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Date

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Signature/Title

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Date

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Signature/Title

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Date

# **PART II: PROJECT FINANCIAL PLAN**

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
1999 TIP CALL FOR PROJECTS

## **1. PROJECT FINANCIAL EXPENSES**

**NOTE: INDICATE ALL AMOUNTS IN THOUSANDS (\$000) AND IN FY 1998-99 DOLLARS**

PROJECT EXPENSES *	FY 1999-00 (\$000)	FY 2000-01 (\$000)	FY 2001-02 (\$000)	FY 2002-03 (\$000)	FY 2003-04 (\$000)	BEYOND 2003-04 (\$000)	TOTAL (\$000)
<b>CAPITAL EXPENSES:</b>							
1 Design and PS&E .....	\$155						\$155
2 Construction .....	\$388		\$387				\$775
3 Construction Engineering .....	\$39		\$39				\$78
4 Right-of-Way Acquisition or Lease .....							
5 Equipment Purchase or Lease (e.g. computers) .....							
6 Vehicle Purchase or Lease .....							
<b>OPERATING EXPENSES:</b>							
7 Administration .....							
8 Operating Costs .....							
9 Maintenance .....							
10 Marketing .....							
<b>OTHER EXPENSES (Specify):</b>							
11 .....							
12 .....							
13 .....							
14 .....							
15 .....							
16 .....							
<b>17 TOTAL PROJECT EXPENSES</b>	\$582		\$426				\$1,008

# **PART II: PROJECT FINANCIAL PLAN**

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
1999 TIP CALL FOR PROJECTS

## **2. PROJECT FUNDING SOURCES** [OTHER THAN FUNDING REQUESTED UNDER THIS TIP CALL FOR PROJECTS]

**NOTE: INDICATE ALL AMOUNTS IN THOUSANDS (\$000) AND IN FY 1998-997 DOLLARS**

ALL PROJECT FUNDING SOURCES *	Indicate if	FY	FY	FY	FY	FY	BEYOND	TOTAL
[OTHER THAN FUNDING REQUESTED UNDER THIS TIP CALL FOR PROJECTS]	Committed or Uncommitted	1999-00 (\$000)	2000-01 (\$000)	2001-02 (\$000)	2002-03 (\$000)	2003-04 (\$000)	2003-04 (\$000)	(\$000)
18 Federal (Specify): _____								
19 _____								
20 _____								
21 State (Specify): _____								
22 _____								
23 _____								
24 Local (Specify): _____								
25 Harbor Gateway Developer _____	Committed	\$177		\$176				\$353
26 _____								
27 _____								
28 _____								
29 _____								
30 Other (Specify): _____								
31 _____								
32 _____								
33 _____								
34 <b>TOTAL PROJECT FUNDING *</b>								
[OTHER THAN FUNDING REQUESTED UNDER THIS TIP CALL FOR PROJECTS]								
		\$177		\$176				\$353

\* List only funding for expenses to be incurred in the completion of the Scope of Services of the project for which you are applying for funding.

**PART II: PROJECT FINANCIAL PLAN**

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
1999 TIP CALL FOR PROJECTS

**3. PROJECT FINANCIAL SUMMARY**

**NOTE: INDICATE ALL AMOUNTS IN THOUSANDS (\$000) AND IN FY 1998-99 DOLLARS**

PROJECT FINANCIAL SUMMARY		FY 1999-00 (\$000)	FY 2000-01 (\$000)	FY 2001-02 (\$000)	FY 2002-03 (\$000)	FY 2003-04 (\$000)	BEYOND 2003-04 (\$000)	TOTAL (\$000)
35	Total Project Expenses (Line 17)			\$582	\$426			\$1,008
36	Total Project Funding (Line 34) (OTHER THAN FUNDING REQUESTED UNDER THIS TIP CALL FOR PROJECTS)			\$177	\$176			\$353
37	Total Project Funding Shortfall (Line 36 minus Line 35) (There must be a shortfall for a project to be eligible for funding under this TIP Call for Projects)			(\$405)	(\$250)			(\$655)

**PROJECT FUNDING REQUEST**

PROJECT FUNDING REQUEST		FY 1999-00 (\$000)	FY 2000-01 (\$000)	FY 2001-02 (\$000)	FY 2002-03 (\$000)	FY 2003-04 (\$000)	BEYOND 2003-04 (\$000)	TOTAL (\$000)
38	TOTAL PROJECT FUNDING REQUESTED UNDER THIS TIP CALL FOR PROJECTS (THIS IS THE AMOUNT REQUIRED TO OFFSET THE SHORTFALL ON LINE 37. DO NOT SPECIFY FUNDING SOURCE)			\$405	\$250			\$655

**PART III - REGIONAL SURFACE TRANSPORTATION IMPROVEMENTS**

Project Title: Harbor Gateway/Normandie Avenue Corridor Improvements  
(from Part I, Question 1)

**DESCRIPTION OF PROJECT:** On an attached sheet and limited to 250 words, provide a detailed description of the project, including its location for which funding is requested. Also attach an 8 ½" x11" black & white Thomas Brothers Map of the project location & limits or service area. Map must be clear and legible.

*Improve regional access to proposed 2.9 million square foot (SF) Harbor Gateway industrial development along Normandie Avenue corridor as follows:*

1. *Normandie Avenue and San Diego Freeway Northbound On/Off-Ramps - Widen the northbound approach of Normandie Avenue to provide a northbound right turn to the freeway on-ramp.*
2. *Knox Street and Normandie Avenue - Construct a new west leg of the intersection and install a new traffic signal. Install railroad gate across the west leg of the intersection. Public Utilities Commission (PUC) approval has been obtained for public railroad crossing across the west leg.*
3. *Francisco Street and Normandie Avenue - Realign west leg of the intersection to eliminate the existing jogged intersection. Relocate existing traffic signals and railroad gate across the west leg of the intersection. PUC approval has been obtained for public railroad crossing across the west leg.*

**PROPOSED PROJECT START DATE:** July 2001

**PROJECT DURATION (months):** 18 months



**OTHER PARTICIPANTS & DESCRIPTION OF INVOLVEMENT** (List other agencies/organizations providing financial or other support to the project and describe involvement)

City of Los Angeles Department of Public Works - Approve design and construction plans.

Harbor Gateway Developer - Implement design and construction for project, also provide local match for project.

Caltrans - Encroachment permit for improvement work at Normandie Avenue and San Diego Freeway Northbound On/Off Ramps.

**FUNDING SOURCES EXCLUSION** (Identify any special project or applicant characteristics which preclude the use of potential funding sources listed in Appendix A, and the funding source precluded. Precluding a funding source may adversely affect MTA's ability to fund the project):

None

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**PROJECT TYPE:**

- |   |  |
|---|--|
| <input type="checkbox"/> New Interchange                          | <input checked="" type="checkbox"/> Major Arterial Improvement |
| <input checked="" type="checkbox"/> Ramp Intersection Improvement | <input type="checkbox"/> Grade Separation                      |
| <input type="checkbox"/> Interchange Improvement                  | <input type="checkbox"/> Other _____                           |
| <input checked="" type="checkbox"/> Goods Movement                |  |

**FUNDING IS REQUESTED FOR:**

- ☐ Right-of-Way (only if construction is involved)  
☒ Design  
☒ New Construction

**1. REGIONAL SIGNIFICANCE (Up to 35 points)**

(A total of up to 12 points will be assigned for the following items)

Current Average Daily Traffic (ADT) Volume:<sup>1</sup> 21,100  
 Future ADT in post - 2020: 32,400  
 Reduction in hours of daily delay in post-2020: 20  
 Current number of lanes each direction: Two  
 Number of lanes each direction after improvement: Two plus right turn lane  
 Length of Proposed Project 0.75 mi  
 Functional Classification:

- ☐ CMP Route  
☒ Designated Major Arterial  
☒ Functions as Major Arterial  
☐ Railroad  
☐ Other \_\_\_\_\_

**On an attached sheet and limited to 250 words, address the following:**

- a) Describe how this project both provides mobility and congestion relief, particularly on the CMP network, and contributes to a balanced and integrated transportation system for the movement of goods and people. Include any environmental benefits of the project. (Up to 5 points)

Together with the improvements already in process at Normandie Avenue and 190th Street, the project will improve regional access to major industrial development in the Harbor Gateway area and to the San Diego Freeway and reduce congestion in this important north-south corridor. Normandie Avenue is a major north-south arterial highway used to access the San Diego Freeway, County/UCLA Medical Center, and Kaiser Permanente Harbor City Medical Center. The project will increase capacities for the CMP network at Normandie Avenue and the San Diego Freeway Northbound On/Off-Ramps.

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<sup>1</sup> If an entirely new facility is proposed, provide the LOS for an existing facility which is comparable with the improvement.

- b) Describe how the project supports a regional, multi-jurisdictional or local plan? (Up to 5 points)

Normandie Avenue is a major north-south arterial highway. The project supports the plan of all the adjacent jurisdictions including the Cities of Carson, Gardena, Torrance and Unincorporated Los Angeles County to upgrade Normandie Avenue to its major highway standards and to improve access to existing and proposed industrial development in the Harbor Gateway area to the San Diego Freeway.

- c) Identify any regional trip generators, such as airports, ports, and other regional activity centers, to which access would be enhanced and how this project promotes the creation of economic benefits to the region. (Up to 10 points)

Normandie Avenue is a major north-south arterial highway which serves Hollywood, Mid-Wilshire, South Central Los Angeles, Gardena, Unincorporated County and Harbor City areas. Normandie Avenue has on and off ramps to Hollywood Freeway, Santa Monica Freeway and San Diego Freeway. Major traffic generators in the vicinity of the project include Gardena Valley Shopping Center, Gardena High School, County/UCLA Harbor Medical Center, Kaiser Permanente Harbor City Medical Center and Harbor Regional Park.

- d) Identify if the project is on a truck route, and provide the number of trucks per day and trucks as a percentage of total daily traffic. For grade separation projects, provide the number of daily trains operating on the line. (Up to 3 points)

Normandie Avenue is a designated truck route. There are approximately 1,120 trucks per day using Normandie Avenue adjacent to the project site which is 7% of the total daily traffic. The percentage of truck traffic should increase considerably due to construction of the 2.9 million SF Harbor Gateway Industrial Development.

**2. COST EFFECTIVENESS (Up to 20 points)**Local Match (Page 33, Line 36 ÷ Line 35): 35 %

- Item Number 2 of Matrix below “# of Peak Hours of Delay with Improvements (Up to 2 points)
- Item Number 3 of Matrix below “# of Peak Hours of Delay Reduced (Up to 2 points)
- Item Number 5 of Matrix below “Peak Hours of Delay Reduced per Hour (Up to 2 points)
- Item Number 6 divided by Item Number 7 provides a component of Local Match (Up to 10 points)
- Item Number 8 “Total Cost per Hour of Delay Reduced” (Up to 2 points)
- Item Number 9 “MTA Cost per Hour of Delay Reduced” (Up to 2 points)

#	Item	Current Conditions (when project completed)			Future Conditions Year:		
		AM Peak	PM Peak	Total of Peaks	AM Peak	PM Peak	Total of Peaks
1	# of Peak Hours of Delay without Improvements	30	27	57	59	56	115
2	# of Peak Hours of Delay with Improvements	29	26	55	57	55	112
3	# of Peak Hours of Delay Reduced (subtract #2 from #1)	1	1	2	2	1	3
4	# of Hours in Peak Period	1	1	2	1	1	2
5	Peak Hours of Delay Reduced per Hour (divide #3 by # 4)	1	1	1	2	1	2
6	Total Project Expenses			\$1,008			\$1,008
7	Funds Requested from MTA			\$655			\$655
8	Total Cost per Hour of Delay Reduced (divide #6 by # 5)			\$1,008			\$504
9	MTA Cost per Hour of Delay Reduced (divide #7 by # 5)			\$655			\$328

Please describe source of data and any relevant assumptions: Please limit your response to 150 words.

The source data relied upon in the calculation of peak hour delay were obtained from the existing City traffic counts, engineering plans and timing chart. It is assumed that there is a zero percent grade and 2% annual traffic growth from 1999 to 2001. Traffic delay was calculated using the Highway Capacity software application (Vers. 2.4).

**4. BENEFIT TO TRANSIT USERS (Up to 5 points)**

Please limit your response to 250 words.

Identify and explain how public transit will utilize and benefit from the proposed improvement. Please include the operator, route or line number, frequency and service hours. (Up to 5 points)

The project will improve transit services for Gardena Municipal Bus Line GA 2 and Torrance Bus Line TOR 6 by reducing congestion on Normandie Avenue within the project limits. Both the Gardena Municipal Bus Line GA 2 and Torrance Bus Line TOR 6 operate approximately every 20 minutes seven days a week. The project's increase in capacity will reduce the accident potential between automobiles and buses.

**5. PROJECT NEED, LONG TERM PROJECT DEVELOPMENT AND MANAGEMENT OF EXISTING SYSTEMS (Up to 25 points)**

Please limit your response to 250 words.

- a) Describe how this project eliminates or corrects transportation deficiencies such as existing or future service gaps, poor LOS, poor travel times, etc. and its importance to the effective maintenance and management of existing facilities. (Provide available data such as current or future peak hour volume, volume/capacity, peak hour speed, peak period duration, number of accidents, etc.) Also provide the existing AM Peak Period Level of Service. (Up to 20 points)

The future LOS without project in the year 2020 at the Normandie Avenue and San Diego On/Off-Ramps intersection will be LOS E in the AM Peak Period with a V/C of 0.907 and LOS E in the PM Peak Period with a V/C of 0.962. The project will improve the LOS for the intersection to LOS C in the AM Peak Period with a V/C of 0.795 and LOS D in the PM Peak Period with a V/C of 0.893.

The future LOS in the year 2020 at the Francisco Street and Normandie Avenue intersection without project will be LOS B in the AM Peak Period with a V/C of 0.697 and LOS D in the PM Peak Period with a V/C of 0.853. The project will improve the LOS for the intersection to LOS B in the AM Peak Period with a V/C of 0.650 and LOS C in the PM Peak Period with a V/C of 0.765.

The project will provide a major access to the 2.9 million SF Harbor Gateway Development which will improve the LOS at the other entrances at Francisco Street and

Normandie Avenue and at the Harbor Gateway Driveway and 190th Street. The future Peak Hour Volume for eastbound traffic on Knox Street is projected to be 104 in the AM Peak Period and 610 in the PM Peak Period which will have to use either Francisco Street at Normandie Avenue or the Harbor Gateway Driveway at 190th Street to exit the Harbor Gateway site if the project is not completed. This will require additional green time on both Francisco Street and on the Harbor Gateway Driveway which will increase delay on both Normandie Avenue and 190th Street respectively.

- b) Describe the specific policies and commitments that have been adopted by the responsible agencies to ensure long-term project maintenance and upgrade, if necessary. What is the useful life of this improvement? (Please note that MTA does not pay for ongoing operations and maintenance expenses) (Up to 3 points)

The City of Los Angeles will be responsible for the future upgrades and maintenance after construction is completed. The useful life of these improvements is expected to be 25 years.

- c) Does the application complete partially funded projects? (Up to 2 points)

Yes, request for MTA funds will complete funding for the project. Harbor Gateway developer will provide local match for project.

**6. PROJECT READINESS (Up to 15 points)**

Please indicate below any project schedule milestones that are complete or in progress (include estimated start and completion date):

(A total of up to 7 points will be assigned for the following items)

	<u>START DATE</u>	<u>COMPLETION DATE</u>
Project Study Report (PSR) or Equivalent:	<u>                    </u>	<u>June 1997</u>
Type(s) of Environmental Clearance:	<u>                    </u>	<u>June 1997</u>
Plans, Specifications and Estimates (PS&E):	<u>July 2001</u>	<u>December 2001</u>
Right-of-Way Certification:	<u>N/A</u>	<u>N/A</u>
Construction:	<u>January 2002</u>	<u>December 2002</u>

Please limit your response to 250 words.

a) Please describe Governing Body(ies) approval status(if any) (Up to 3 points)

The Los Angeles City Council certified the EIR for Harbor Gateway project including improvements along Normandie Avenue in June 1997.

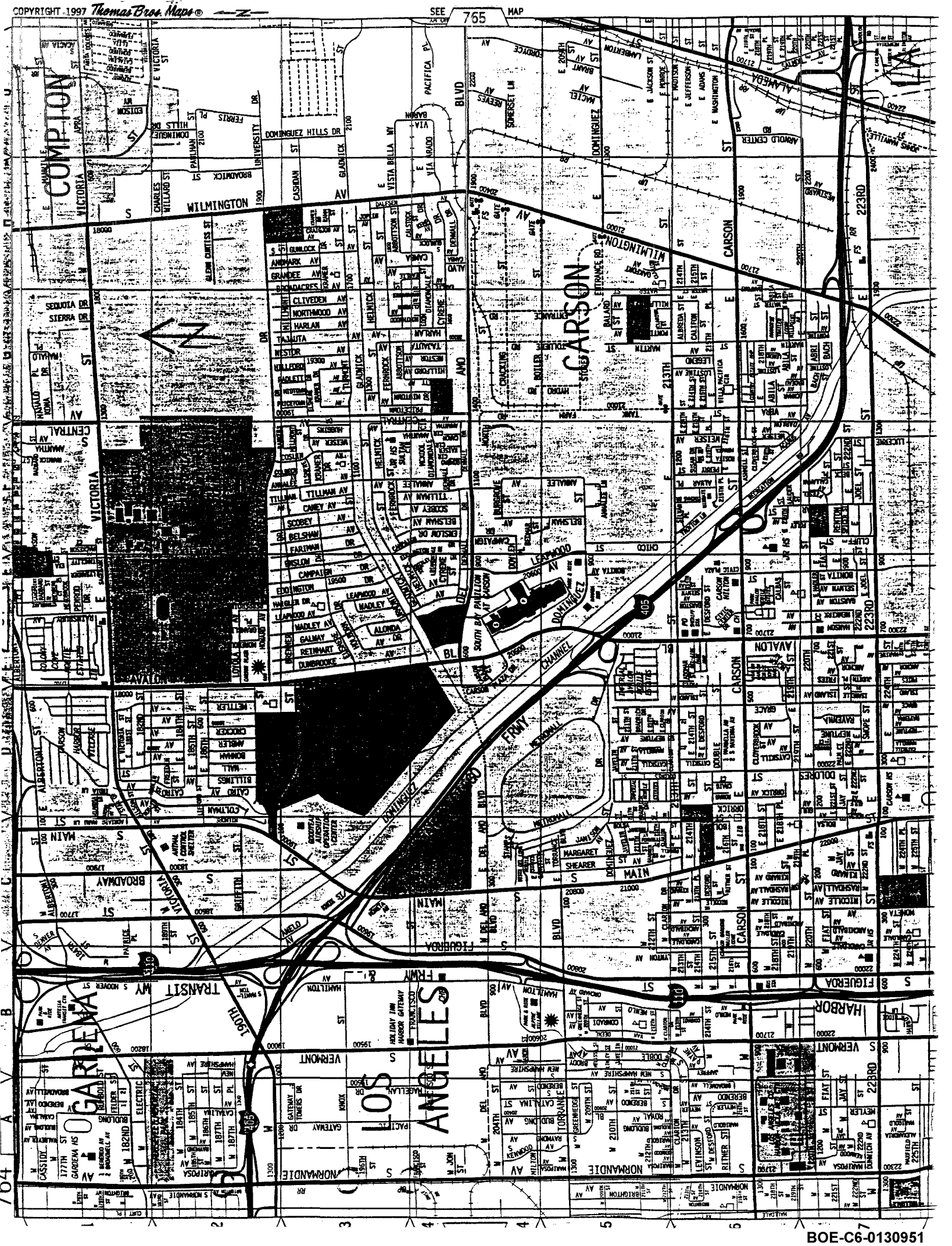
b) Identify any other agencies who will be required or necessary participants in the project, and address any positions or actions by them regarding this project. If they have an official position, include relevant information. If they have not taken an action, include your process and timeline for obtaining the needed approvals and/or other supporting activities. If the project impacts a State highway, a letter of support from Caltrans is necessary. Include the name of the agency/organization and, if available, the name of the contact person and their telephone number. (Up to 5 points)

City of Los Angeles Department of Public Works - Review & approve design & construction plans.

Caltrans- Encroachment permit for work at Normandie Avenue & San Diego Freeway Northbound On/Off Ramps.

County of Los Angeles Department of Public Works - Review & approve design & construction plans since east side of Normandie Avenue is in unincorporated Los Angeles County area.

Harbor Gateway Developer - Implement design & construction; provide local match for project.



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WESTERN AVENUE

WEST 190TH STREET

AREA 1

RETAIL 40.0 AC.

Proposed Structures (conceptual)

NORMANDIE AVENUE

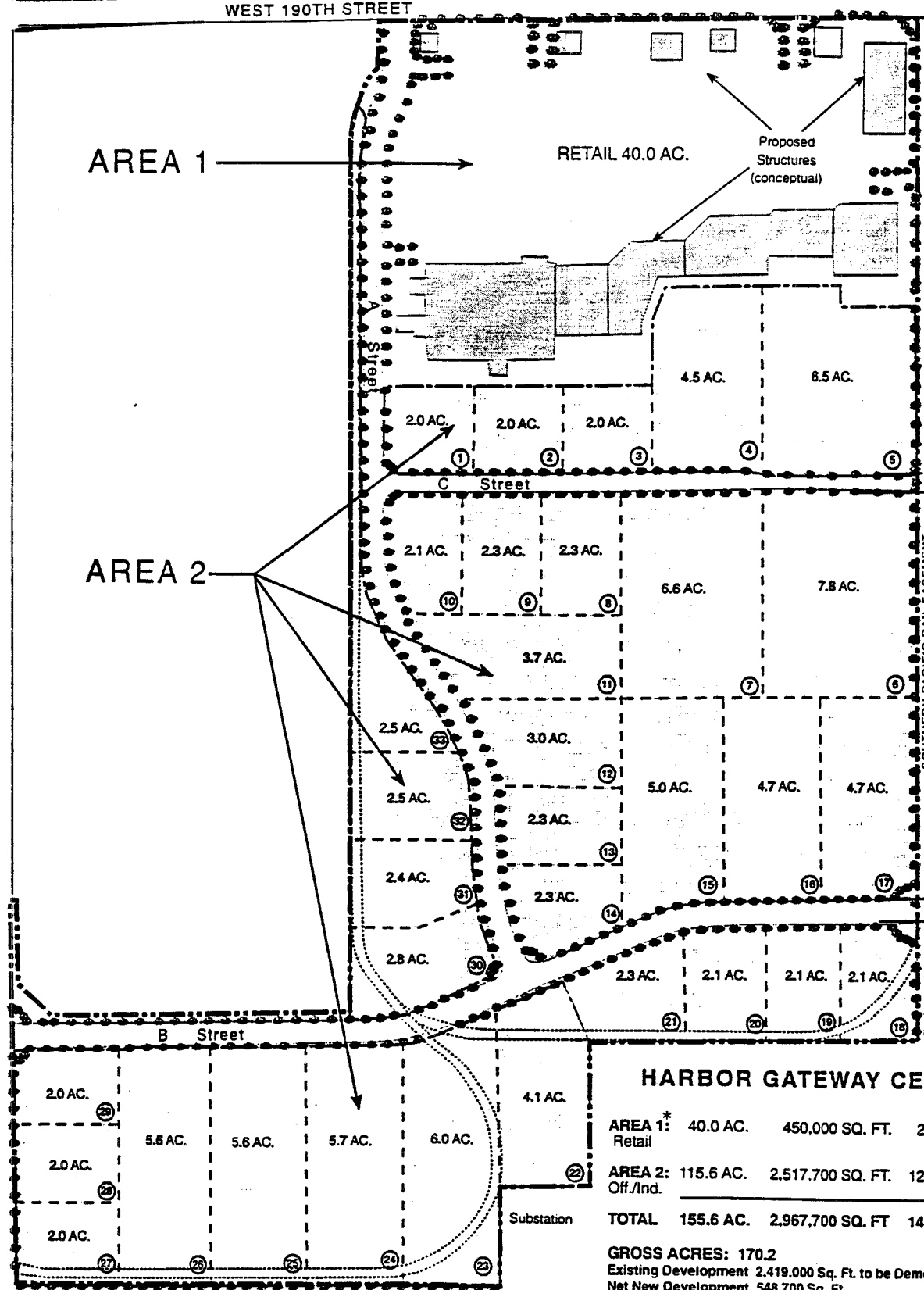
AREA 2

Knox

St

Francisco

St



### HARBOR GATEWAY CENTER

AREA 1: 40.0 AC. 450,000 SQ. FT. 2.1 ROAD AC. Retail

AREA 2: 115.6 AC. 2,517,700 SQ. FT. 12.5 ROAD AC. Off./Ind.

TOTAL 155.6 AC. 2,967,700 SQ. FT. 14.6 ROAD AC.

GROSS ACRES: 170.2

Existing Development 2,419,000 Sq. Ft. to be Demolished  
Net New Development 548,700 Sq. Ft.

\* Projects in Area 1 are proposed to be developed in up to 12 individual lots

NOTE: Building locations are conceptual and subject to revision prior to finalization of site plans.

SOURCE: PBR, 1996

Planning  
Consultants  
Research



0 200 400 feet

--- Site Boundary  
② Parcel Number  
1.0 AC. Parcel Acreage

Figure 6  
Harbor Gateway Center  
Concept Plan



